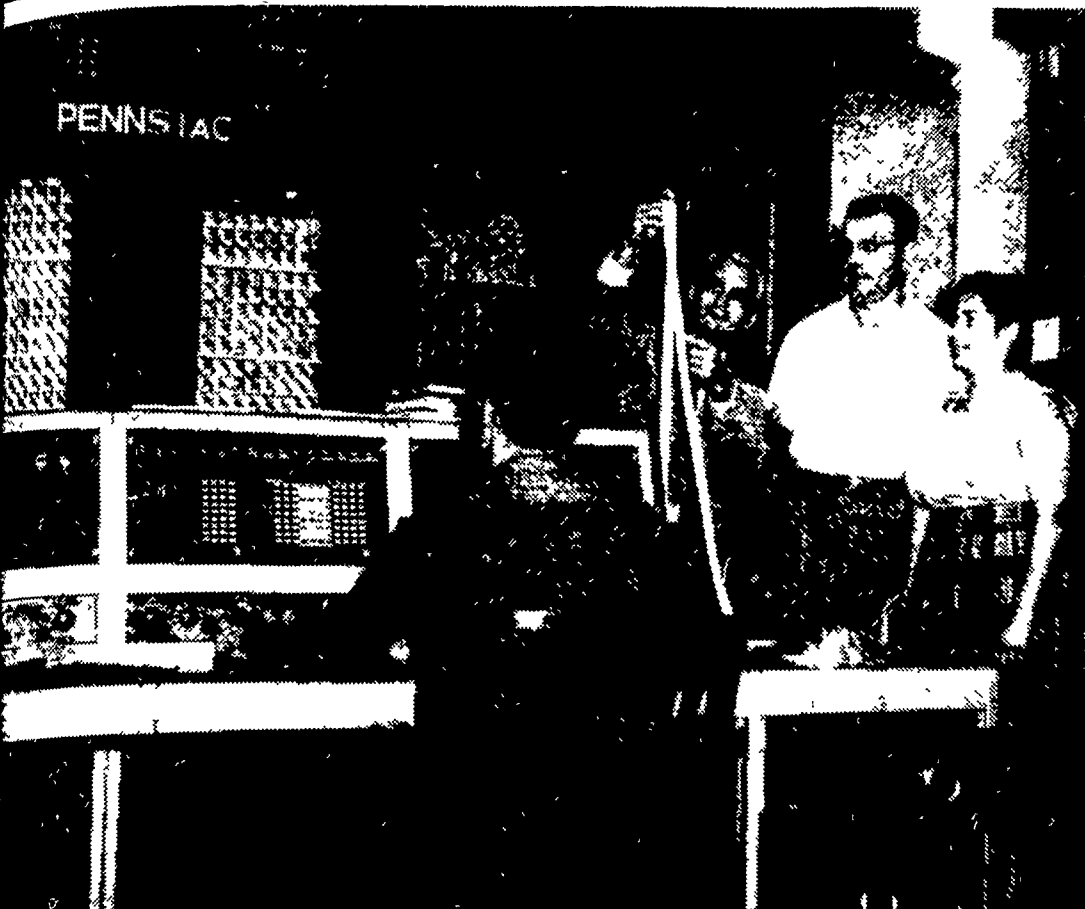


Lancaster Farming

Vol. 34

Lancaster, Pa., Saturday, July 16, 1960

\$2 Per Year



LOOKING OVER THE TAPE containing all the farm records furnished by John Gehman of Barto, Montgomery County are standing, left to right James Becker, extension farm management specialist at the Pennsylvania State University, Gehman, and Mrs. Gehman. Seated in the foreground with back to camera is the operator of PENNSTAC, the electronic computer constructed by the University. Gehman's farm records, including all the resources at his command, have been transferred to the tape by means of holes punched in the tape. The "machine" considers all possible activities Gehman might undertake with resources at hand and comes up with the combination of activities calculated to bring the highest return. The machine handled more operations in less than five minutes than a secretary at the University did with a manual calculator in eight weeks.

L. F. Photo

Milk Records Misleading Shaffer Tells Dairymen

The cow with the high individual record may not always be the most profitable one in the dairy herd, Harvey Shaffer, extension dairy specialist told the approximately 580 farmers and their families at the Twilight Meeting at the Southeastern Pennsylvania Artificial Breeders Cooperative on Monday night.

The cow with one big record will often sell better in the ring than the real money maker, Shaffer said. One record is often very misleading because there are many factors which do not show up in a single lactation record.

Shaffer said that there is some work being done to establish "Pounds of milk

per day of life" as the standard in selecting dairy cattle. Even lifetime averages are sometimes misleading, Shaffer said since they do not show the age of the cow at first calving, the interval between calvings or the number of lactations the cow stayed in the herd.

"It takes about 2½ lactations for the average cow to pay the farmer for raising her," Shaffer told the out-door shirt-sleeve crowd.

(Turn to page 5)

Solanco FFA Elects Officers

Barry Smith, son of Mr. and Mrs. Harry Smith, New Providence R1, was elected president of the Solanco Chapter of Future Farmers of America at their meeting in the vocational agriculture building on Monday night.

Smith, who will be a senior at Solanco this fall, has a farming program including several thousand broilers each year as well as field crops and guernsey cattle.

Other officers elected were James Herr, Quarryville R2, vice president; William Maule, Quarryville R2 secretary; Glenn Kunkel, New Providence R1, treasurer; Harold Redcav, Quarryville R2, reporter; Donald Ressler, New Providence R1, sentinel, and Richard Carnathan, New Providence R1, chaplain.

Carnathan was also elected as the Solanco chapter representative to the Lancaster County Scoutdoorama on July 23.

No Objections To Changes In Egg Grading

HARRISBURG — With no major objections being filed by the July 10 deadline, proposed changes in Pennsylvania Official Standards for Grading and Marketing of Eggs will go into effect on October 11, State Secretary of Agriculture William L. Henning announced today.

Mandatory dating of egg receptacles and registration of dating methods are eliminated in the new standards. Alternative terminology for marking egg cartons containing eggs of edible quality which are not segregated according to official Pennsylvania grades and weights is allowed. The term "unclassified" or other terminology acceptable to the Department may be used.

Consumer grade weight tolerances are to be applied to multi-dozen packages in

(Turn to page 15)

Tobacco Production To Be Cut Recent Estimates Indicate

Production of Pennsylvania seedleaf tobacco is now expected to be 13 per cent less than last year, according to the official forecast of the Pennsylvania Crop Reporting Service this week.

The forecast predicts a crop of 46,500,000 pounds for 1960 as compared to the 53,475,000 pounds last year in spite of the very strong demand for recent crops and a 315 cents per pound average price last year, and growers intentions in March to increase acreage.

March intentions showed Lancaster county farmers pl-

Ag Reporters Get Look At Linear Programming

Linear Programming is one of the newer terms to be getting a large share of the new-term spotlight in agricultural circles recently. But just what is Linear Programming?

This was one of the questions in the minds of many of the members of the Pennsylvania Agricultural Reporters Association this week as they held their first summer conference on the campus of the Pennsylvania State University and were introduced to the work in the field of Linear Programming as carried on by the Agricultural Economics department at the University.

"Simply explained, Linear Programming is a method by which a farmer can set goals, begin with his resources, and plot a route through alternative plans to reach those goals," R. James Becker, extension farm management specialist told the group.

Linear Programming, or Activity Analysis as Becker prefers to call the program, is just that, but the explanation is so over-simplified that it tells very little about

the program. Robert Best, former editor of Lancaster Farming and president of PARA introduced Robert F. Hutton, Agricultural Experiment Station researcher, who explained the basis of Linear Programming.

Hutton told the Para members that researchers must first learn from the farmer what he has set as his goal. "This is sometimes the first stumbling block in the program," he said. Some farmers are looking for the maximum capital return from the farming operation while others might be looking for the least labor requirement to produce a predetermined income.

After the goal has been determined, the resources must be listed. "The list would include such things as land, labor, buildings, capital, livestock, and man-

(Turn to page 7)

SCD Makes Plans To Revive County Plowing Contest

July 29 has been selected as the date for the revival of the Lancaster County Plowing contest, according to Henry Givler, secretary-treasurer of the county Soil Conservation District.

The program will be a revival of the now defunct county contest last held in conjunction with the Mount Joy Farm Show.

Sponsored by the county Soil Conservation District

4-H's Present Demonstrations

Lancaster county will be represented by 16 4-H club members in the first district demonstration contest at the Kutztown Fairgrounds on July 19.

Winners in the competition at Kutztown will own the right to enter the State contests at State College next month.

The Garden Spot county will have teams of two in eight different contests. They will include the following: Dairy demonstration, James Brubaker, Lititz R1 and

(Turn to page 6)

Directors, the contest this year will feature only level land plowing on the R. S. Royer farm at Ephrata R2. Rain date for the contest is August 2 at 10 a.m.

In other business at its regular meeting on Monday night, the SCD appointed Henry Givler secretary-treasurer to fill the unexpired term of Wayne Rentschler, who has accepted a position of teacher of vocational agriculture at Kutztown High School.

Givler, the representative to the SCD board of directors from the county FFA and association of vocational agriculture teachers, is at present teaching in the Pequea Valley High School and advisor of the FFA chapter at the school.

County Commissioner, Richard Witmer, presented a letter of commendation to Rentschler for his part in promoting conservation in the Garden Spot County. The directors expressed their appreciation for the service rendered by Rentschler as secretary-treasurer during the years the district has functioned and presented a

(Turn to page 14)

FIVE - DAY WEATHER FORECAST

Saturday - Wednesday
Temperatures during the next five days will average about four degrees below the normals of 66 at night and 87 in the afternoon. A little warmer Saturday with cooling Sunday and warming again about Wednesday is expected. Rainfall will average less than 1 inch in the few scattered showers likely on Saturday. The 2½ inches of rain on Thursday brought the July total to 3.6 inches. The normal total for July is 4.37 inches.

FARM CALENDAR

July 18 — 6 30 p.m. - Tomato variety demonstration at the farm of Henry Hersev, Washington Boro R1 Dr Roy Creech, who replaced Dr. Pollack at the Penna State Univ. will assist J. O. Dutt, extension vegetable specialist.

8:00 p.m. - Meeting of the County 4-H council executive committee at the home of Mary Alice Moore, 2455 Marietta Ave.

8 30 p.m. - Pequea Valley FFA meets in the high school.
July 19 — 9 a.m. - District 4-H demonstration contest at Kutztown.
9 a.m. - Soil Conservation cooperating agencies meet at the Clarence Garber farm, Willow Street R2, to plan the County Soil Conservation field day.
(Turn to page 14)

At Lancaster Yards

Slaughter Steers Scarce

Paul M. Fuller, Acting
in Charge Market News Branch

CATTLE. 2800 compared with 2736 last week. Monday's supply included around 30-40 percent stockers and feeders, 15 per cent cows, with the balance mostly slaughter steers. After Monday, the supply comprised almost entirely of stockers and feeders with few cows and bulls. Slaughter steers were virtually absent after Monday.

Compared to late last wk., slaughter steers closed steady to 25 higher. Cows were fully 25 up, bulls 25 - 50 higher. Stockers and feeders were slow all week and about steady.

Two loads high-choice and prime 1025 and 1180 lb. slaughter steers brought 29, other high-good and choice 1000-1250 lbs. 26 50-28 25, load mostly high-choice 28-50, good and low-choice 24-26, standard and low good 22 50-24.

Load 875 lb heifers well up into choice grade brought 26 50, good and choice 700-1000 lb heifers 23-25 50, few standard and low-good 20-21 50. Cutter and utility cows 16-18 75, canner and low cutter 14 75-16, few shelly individuals 13 50-14. Utility and commercial bulls sold at 19-23 50, few good fed bulls, 22 50-24 25.

Good and low-choice 600-1000 lb feeder steers 23 50-

26, long string choice 750 lb. yearlings 27. Common and medium brought 18-23, including long string mostly medium with an end of good 800-1000 lbs. 23. A few common Holsteins 17. Few medium and good stock steer calves 25-27.

CALVES: 700 compared with 574 last week. Vealers were slow, 1-2 lower. Choice and prime vealers 31-35, few prime early in the week 36. Good and choice ranged from 26-31, standard and low good 18-26.

HOGS: 1600 compared with 1098 last week. Barrows and gilts were fully steady. Small supply of sows 75-1 up.

Mixed lots U. S. no. 1 and 2 and no. 1, 2 and 3, 190-225 lb butchers 19-19 75, few lots no. 1 200-220 lbs. brought 20 and very few scattered head closely selected no. 1 185-215 lbs 20 50.

SHEEP: 650 compared to 289 last week.

Chicago Cattle

Receipts Largest Since January

Cattle — Local receipts the largest since January and increased 25 per cent over the holiday shortened period last week. Local supply

Vintage Livestock Steers Steady To 25 Higher

CATTLE. 529. Compared with one week ago, slaughter steers at Vintage this week fully steady to strong. Instances, 25 higher. Cows 25-30 higher, bulls 25 to fully 50 higher in a few, active trade.

Choice slaughter steers at 26.25-27 85, few mostly high choice 1000-1300 lbs. 28 50, good to low-choice 23 50-26 25. Cutter and utility cows 18 50-18 50, canners and low cutters 14 50-16 50. Utility and commercial bulls, 20 50-23 50, few good bulls 16 00-15 00 lbs. 23-23 75. Medium and good 800-1000 lb. feeder steers 20 85-23 75.

CALVES: 350. Vealers were weak to 1 lower. Good and choice vealers 26-31 50, low choice and low-prime

about 80 per cent slaughter steers, 15 per cent heifers and 5 per cent cows with vealers and stockers and feeders in very short supply. Percentage prime in slaughter steers supply a little below last weeks 5 per cent. Average wt. of slaughter steers promised to be nearly as large as 1166 lb avg. last week, heaviest since late March. Weight became a major price determining factor.

Steers 1050-1250 lbs and most good to low choice grades sold 50-1 lower while average choice to prime steers 1250 lbs and heavier were 1-1 50 lower. High choice and prime 50-75 lower. Cows steady to 25 higher. Bulls weak to 50 lower,

New Holland

Steers .25 to 1.00 Lower

Slaughter steers slumped 25 to a dollar at New Holland this week with most of the loss coming on the higher grades. Receipts at the July 14 sale had 1193 head of cattle. Cows, bulls and stockers and feeders sold at steady prices.

Choice slaughter steers brought 25.75 to 27.75 with individual head going to 28-25. Good and low choice

31 50-34, standard and good 22 27.

HOGS. 150. Barrows and gilts were steady, U. S. no. 1 and 2 195-210 lbs. 19 10-19 35. No. 1-3 190-230 lbs. 18-18 85, few no. 3's down to 17 50.

SHEEP: 83. Spring slaughter lambs were weak to 1 lower. Good and choice 21-23 50, utility and good at 16-21.

vealers fully steady, stockers and feeders slow and steady.

Load prime 1370 lb. steers 29 75. Monday, load prime 1130 lbs. 29. Wednesday lowest high price for that day here since February. Load lots high choice and mixed choice and prime 26-28 50, with some high choice 1300-1400 lbs. down to 25 75 and only 5 loads mostly prime steers at 28 50 on Wed. Good to average choice steers at 22 25-26 75, with most average choice 25 25-26. Mixed good and choice steers 24 25-25 late. Bulk good to high choice heifers 21 25-25 50.

Good and choice vealers 24-28, few head prime 29, standard 18-24.

made 23-26. Standard and good slaughter heifers made 19 85-23 35. Cutter and utility cows brought 16 50-18 75, with canners and low cutters at 15 17. Utility and commercial bulls made 20 50-23 75 while good grade fed bulls were 22 50-24 75.

Medium and good grade stock steers brought 20 - 23. Good and choice feeder steers at 800 to 1000 lbs. commanded 22-26 and medium and good made 20 75-22.

The 351 head of vealers sold mostly 50 lower with good and choice bringing 27 to 33 and choice and prime 34-36. Standard and low good vealers were 24-27 50 with utility at 22-23 50.

The July 13 dairy cattle sale had receipts of 137 cows, five stock bulls and 17 stock heifers. The market continued slow as field work kept many farmers at home. Prices were about steady with last week with the exception of some higher prices on a lot of Brown Swiss cows. Fresh Cows, Holsteins \$300-415, Guernseys - \$225-300, others, \$300-425. Bulls - \$100-150. Heifers - \$125-260.

Receipts at the July 11 horse sale were 328 head of horses, ponies and mules. Most of the mules went to killers. Most other kinds were steady to strong. One outstanding saddle horse brought \$450.

Ponies, geldings - \$70-130. Riding horses - \$150-275 with one head at \$450. Driving horses - \$140-290 and killers 10 to 11 cents.

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Broilers Lose A Fraction

Prices were easier at the Lancaster Poultry center this week reflecting the ship prices on the Delmarva market.

Sellers at the July 14 sale offered 126,810 head in 44 lots and sold 106,510 head in 38 lots. The six lots of broilers not sold included 20,300 birds and received bids of 18 1/4 to 18 7/8.

The 21 lots of 89,975 broilers sold went to processors at prices ranging from 18 3/4 to 20 1/4.

Leghorn fowl shipped only slightly as 10 lots of 10,475 head changed hands at 13 9/16 to 14 1/4. Two lots of 860 heavy fowl made 18 to 19 5/8.

Three lots of 2,700 pullet roasters changed hands at 23 1/4 to 25 1/2, while two lots of cockerel roasters could make only 22 5/8.

Following is the complete sale with seller, grower in parentness, amount and breed, age in weeks and in

days, buyer and price.

The CODE WV - white vantrass. IR - indian rivers, LFY - leghorn fowl yearlings, WRHF - white rock heavy fowl, P - pullets, C - cockerels, and W Mts - white mountains

1 Charles D Warfel II (Ricky Warfel) 250 IRP, 10-3, Daniel K Good, 20 2 2. H Raymond Stoner, 2500 L F, 17 mo, Victor J Koser Co, 14 2, 3 Philhaven Hospital, 300 L-F-Y, Marvin Sweigart, 14 1, 4 Reuben Martin, 600 L-F-Y, Marvin Sweigart, 14 2 5 Joseph A Coshun, L-F, 22 mo, Carl B. Risser, 13 9

6 William Coshun, 650 L-F-Y, Carl B. Risser, 13 9, 7 Melvin E Hess, 1300 L-F, 16 mo, Roy E Ream, 14 3, 8 Elvin H Nolt, 925 L-F-Y Marvin Sweigart, 14 1 9 Jacob C Herr, 700 L-F-Y, W C Mellinger & Son 1+1, 10 Stegemerten's Willow (Turn to page 6)

Delmarva-Georgia
Broiler Prices
Off One Cent

Live broiler prices averaged approximately one cent lower at Delmarva during the 24 hour period ending 10 30 a.m. Friday morning. Offerings were generally adequate for the demands with demand for ready to cook poultry slightly improved.

Delmarva reported prices of 17 60-19 50 on 818,500 head. Estimated slaughter in Delmarva for the week end is 652,000 head compared to the 696,000 head last week. The Delmarva broiler-feed ratio for the week ending July 8 was up three points from last week at 4 4.

Fluid Milk
Heavy Supplies
Hurt Prices

In the northeast section of the country production of fluid milk trended seasonally lower but instances were noted where the trend was arrested to slightly higher.

In the south Atlantic section production appeared slightly on the increase De-

Weekly New York Egg Mkt.

From Monday, July 11 to Friday, July 15

	Mon.	Tues.	Wed.	Thurs.	Fri
Nearby Whites					
Ext. Fcy.					
Hwys	34 1/2-	35 1/2-	36 -	36 1/2-	37 -
Med.	30 1/2-	32 -	32 -	33 -	33 -
Pullets	23 -	24 -	24 -	25 -	25 -
P-yees	19 -	19 -	19 -	19 -	19 -
Nearby Browns					
Ext. Fcy.					
Hwys	37 -	37 -	37 -	37 -	37 -
Med	32 -33	33 -	33 -	33 -	33 -
Pullets	28 -	28 -	28 -	28 -	28 -
P-wces	18 1/2-	18 1/2-	18 1/2-	18 1/2-	18 1/2-
Midwestern Mixed					
Ext. Fcy.					
Hwys	32 -	32 -	33 -	33 -	32 -
Med	28 -	20 -	30 -	30 -	30 -
Pullets					
Sids	29 1/2-30	29 1/2-30	30 -	30 -	30 -
Checks	28 -	28 -	28 -	27 1/2 28	27 1/2-28
Midwestern Browns					
Ext. Fcy.					
Hwys	34 -	34 -	34 -	34 -	34 -
Med	30 -	30 -	30 -	30 -	30 -
Pullets	23 -	24 -	24 -	25 -	25 -

TREND Shell egg market firmer on really fancy fresh with receipts of such dropping down and demand showing more life

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mand was generally only fair with offerings ample to excessive in many cases. The New York milkshed reported surpluses ample to burdensome with prices unchanged to 15 cents lower or as low as \$4.85. Unverified reports indicated still lower prices being received for loads that were diverted to manufacturing outlets. There was also noted increased dried milk production in upstate New York areas. Wholesale selling price for 49 quart unit of bottling quality milk in New York ranged from \$4.85 to \$4.95 with most of the sales at \$4.90 and \$4.95.

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25 lbs. \$3 75		Do you need any oil?	
Blue Bird Egg Mash	\$3 90	2 gal Artex oil only	\$1 38
Turkey Starter	\$4 65	Peat Moss	\$4 20
Turkey Developer	\$4 50	Staz Diy	\$2 60
Rabbit Pellets	\$5 00	Special Chop	\$3 25
Altman's Dog Meal	\$8 50	20% Bluebird Dairy	\$3 20
		Fitting Ration	\$3 65

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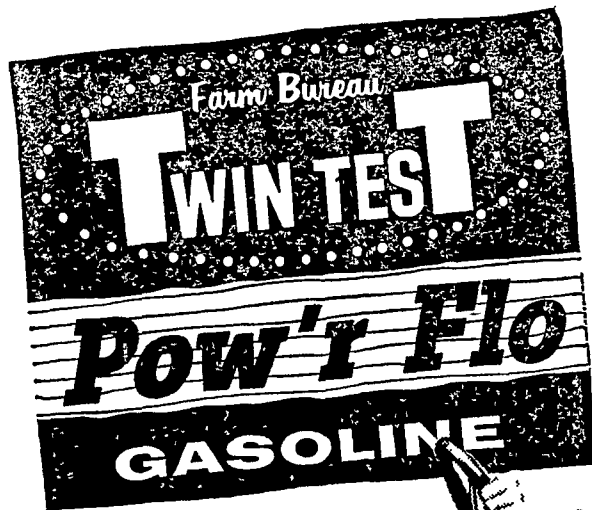
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FROM WHERE WE STAND -

Get It In Writing Is Good Advice

"Get it in writing" has been one of the admonitions handed out ever since the invention of paper to anyone dealing with another person who might not be considered exactly honest.

We agree that any kind of an agreement must be in writing if one is dealing with strangers, but how about friends and family.

Farmers are notoriously slow to ask neighbors and family to put any kind of agreement on paper. "His word is as good as his bond" they say, and we are happy that there are still a few people in this world who have confidence in their fellowman.

But we feel that a written agreement is in no way a reflection on the integrity of the parties to the agreement. In actual fact, persons with nothing to hide and no personal axes to grind will be most willing to have agreements on paper.

We realize that even with written agreements differences of opinion arise but they do not compare to the differences that come about because one or both of the parties to an agreement do not understand the terms of a verbal contract.

Verbal contracts are just as binding as those on paper, and can be enforced to the letter—if the letter can be determined.

We think it is important to have a written agreement regarding wages, tenancy, privileges, or other benefits to accrue in the future, because it is easy to promise many things orally to

make a good impression without intending to deceive or mislead. Many farm workers have worked for years at a sacrifice in wages on the employer's promise that someday "You will be treated very well."

Furthermore, many have learned that a man's word or good intentions mean not a whit after his death.

In these days of enormous capital investments, the advice to get it in writing is doubly important for wills. We know many farmers who have an idea of how they would like to have their property divided when they no longer have a need for it, but unless it is in writing, many heartaches may result when survivors begin to settle the estates.

We know of no situation calling more strongly for written agreement than the partnership between father and son, and yet, these two seem most hesitant to put their terms on paper. Many family relationships have been trained, and in some instances broken entirely, because father or son felt that the other one did not fulfill the verbal agreement. Too many times these verbal pacts are too vague to mean much to either party even when they are made, but each feels that nothing could change their working relationship.

So many situations are changing in this fast-moving society we live in that the advice to "Get it in writing" is more important than it has ever been.

At least that's how it looks from where we stand.



Davidson

THIS WEEK
—In Washington

With Clinton Davidson

Union Ballots

Shortly before Congress adjourned Senator Karl E. Mundt of South Dakota introduced a bill that would require a secret ballot of workers prior to the calling of a strike.

Although no hearings were held and no action was taken on the bill, and the idea of secret strike ballots is not new, the objective of restoring control of unions to workers is one that deserves consideration.

Many unions, as a matter of common practice, do hold secret votes to approve or reject use of the threat of a strike as a bargaining weapon. A considerable number of them do not.

It is a common practice among many unions, as Sen. Mundt points out, for union leaders to ask for a strike vote before they go to the bargaining table with an employer, for use as a club in obtaining their demands.

The record of labor disputes in recent years contains many flagrant abuses of the strike authorization. Union leaders in many instances have called and con-

tinued strike without giving members an opportunity to vote on acceptance or rejection of employers' offers.

"In many cases," Senator Mundt said, "employees vote to strike merely to strengthen their representatives' bargaining position. However, once a strike is authorized, employees find themselves striking without the opportunity to vote on the real issue—acceptance or rejection of the employer's offer or settlement of the dispute."

Once the strike weapon is placed in the hands of union leaders, the members are powerless to do anything except what their leaders tell them to do. Strikes are sometimes continued for months with no opportunity for the members to vote on an employer's offer of settlement.

Sen. Mundt's bill is designed "to strengthen democratic processes within labor organizations and to protect union members against unjustifiable pay losses in strikes through providing for impartial secret strike ballots."

Settlement Procedures

The bill provides that before a strike could be called a vote by secret ballot would have to be held on acceptance or rejection of the employer's offer. Voting would be supervised by an election committee consisting of one union representative, one employer representative and a third member agreed upon by the first two.

No strike ballot could be taken until after at least "60 days of honest collective bargaining negotiations in an atmosphere free of a strike threat." The effect would be to prevent union negotiators beginning bargaining talks with a strike authorization in their pockets.

"The bill," Sen. Mundt told the Senate, "is sound and workable and will not inter-

fere with, nor diminish, the legitimate exercise of the right to strike, but will afford protection for the affected workers, employers and the public against arbitrary and unreasonable strike action."

Unless something is done throughout organized labor to make all union leaders responsive to the wishes of their members—as is done now in many of the larger and more democratically operated unions—abuses by unscrupulous labor bosses can do further serious damage to labor unions and the national welfare.

Farm Safety
Week Set

President Dwight D. Eisenhower has proclaimed the week of July 24-30 as NATIONAL FARM SAFETY WEEK throughout the nation.

In his proclamation, the President called upon the people, urban and rural, to observe the week beginning July 24, at NATIONAL FARM SAFETY WEEK, and urged "all farm families, all organized farm groups, and all persons allied with agriculture to join their efforts to begin this new decade of the sixties with an exemplary record in farm safety."

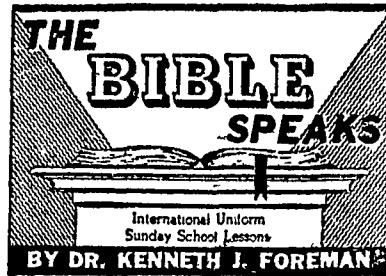
The President pointed out that the health and prosperity of rural America have a profound effect upon health and prosperity of the nation, while "accidents cause death and disability, suffering and hardships to thousands of our farm people annually and substantially reduce the productive capacity."

(Turn to page 9)

Rural Rhythms

THE COW'S OPINION

By Carol Dean Huber
Never mind if Shep has four young pups
Or if a dozen or eight
They're not so grand as my one young calf
Standing there by the gate.
Her coat's so smooth; her eyes are soft;
She's lovely; don't you agree.
I'm sure she'll win a ribbon some day
And be a credit to me!



Bible Material: Amos 5:14, 15; 6.
Devotional Reading: Proverbs 2:5-12.

False Security

Lesson for July 17, 1960

A LARM whistles blew, sirens sounded, signals flashed. The whole city should have been in an uproar, but it was going about its business as usual. Excited officials telephoned everywhere—a mistake has been made, this is no drill, just pay no attention. But nobody paid attention to the apologies, because nobody had paid attention to the alarm. Headquarters had many phone calls that day, but—and this is the interesting point—everybody supposed there must be some mistake. Not a soul took it seriously.

That little story, if true (it got into the newspapers at any rate), shows up very nicely the American state of mind. We can't believe anything is wrong with us, we can't see how anything can go wrong with us. People who drive out a few miles from any city in America may see signs: Evacuation Route . . . Feeding Station, and so forth. But how many Americans actually expect ever to stand hungry at a feeding station?!

The prophet Amos, speaking for God, faced a nation (Israel) smaller than ours by far, but just as complacent, just as sure that nothing could go wrong, just as gently cushioned by a feeling of national security. The facts and factors that made them feel so safe and happy are familiar to any who take time off to observe the American scene. For one thing, they were a nation operating by military power. Many of its kings, if not all of them, had been generals of the army. In case of rival claimants for the throne, the man with the most troops usually got the prize. The country had knocked off its enemies one by one. Just at Amos's time, the boundaries of the coun-



Dr. Foreman

try were wider than at any since Solomon. What armies done, armies could do again, thought . . . and so do we have never been beaten in war shall never be beaten." For coaches know that no winning streak lasts for ever.

Wealth and Culture

The little country of Israel not only safe at the moment from military attack, it was prosperous. People built homes of ivory—as to say, decorated with ivory in a lavish way. They had money in summer and winter homes. They drank the finest wines, they had money and leisure for the arts. Amos pointed out, all this was only on certain streets. There were other streets where people went hungry and cold. But people Amos talked to were from the country-club suburbs. They never did believe what Amos told them, that prosperity is the same thing as security. There is no point in throwing a big party if the house is burning down over your head. We are a little like the Israelites, aren't we? Many Americans think we can buy our way out of any trouble, we can make friends with any nation just spending money there.

The Enemy Within

After all, enemy armies are not the greatest danger to Israel as a nation. When a wind blows down a tree in the forest, we think that the wind was to blame. It was the wind, or was it the rotting inside the tree-trunk? The same wind struck other trees; they did not fall. Thus one fell because it was hollow, a little rot sent it tumbling. What concern Amos most, looking (we may say) through God's eyes at Israel, not foreign politics and foreign wars, but conditions inside Israel. Oh, people would have said to conditions are not bad here. Look at the temples, they are filled with gold. The number of sacrifices never been greater. But Amos was not impressed. God did not care all their religion; it was only hypocrisy, which is another thing. God is more impressed by justice and righteousness than by elaborate "worship services." Amos made it clear that the attendance is no guarantee of a nation's safety. The burning question is: What do the people do to church do to other people remaining six days of the week? If the nations hear this, what use are their deities?

(Based on outlines prepared by the Division of Christian Education, National Council of the United Methodist Church, U.S.A. Press, Community Press, Inc.)

Now is The Time . . .

BY MAX SMITH



MAX SMITH

TO PREPARE FOR AUGUST SEEDING—Local alfalfa growers expecting to make a mid-August seeding should be starting to prepare their ground. One of the very important practices in getting a good alfalfa stand is to have a firm, weed-free seed bed. By plowing or disking during the month of July and then disking or harrowing every 10 days to two weeks until seeding time you will get a good seed bed. A complete soil test is also very important at this time in order to work in the lime and fertilizer prior to seeding.

TO RECOGNIZE THE VALUE OF BAND SEEDING—The seeding of alfalfa in mid-August by the band seeding method is strongly recommended. This attachment may be purchased from local machinery dealers for the grain drill. The objective is to drop the alfalfa seeds on top of the ground behind the drill and directly over a band of complete fertilizer. When this operation is followed by a roller or cultipacker in the same direction, the soil and the seeds are pressed together and the fertilizer is under the seed where it is quickly available to the new plant. Many of the better stands of alfalfa have been seeded by this method in recent years.

TO FEED HAY OR SILAGE—Many dairymen have increased their milking herd in recent years without being able to increase their acreage of pasture. This means that hot dry weather will present a shortage of good pasture for the milking herd. If production and herd condition are to be maintained, either hay or silage (or both) should be fed several times daily to supplement the decreasing summer production. Dairymen should make every effort to hold production and cow condition in the late summer because of the more favorable fall milk prices. If cows are permitted to get thin and down in production in the summer, fall and winter production will suffer.

TO CLIP GRASS FIELDS—If the small grain crop was seeded down to clover or alfalfa, it is advisable to clip the stubble during late July in order to control weeds, and also to increase the chances of getting a cutting of hay before mid-September. Mowers should be set rather high in order to have some of the legume plant left for new growth.

Lancaster Farming

Lancaster County's Own Farm Weekly

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Milk Records

(From page 1)

"If the cow goes out of the herd soon after that, she just does not have time to be a real money maker, even though she might have been a real pail filler while she did milk."

The Penn State specialist advised dairymen to look for longevity, early freshening and regular calving intervals as well as high production records when selecting breeding cow families. In the judging contest, only two men in the group

had cards for both classes exactly like judge Shaffer Albert Frey, Manheim R2, and Lloyd E. Miller, Elizabethtown R3, both breeders of Holsteins, placed the Ayrshires and Holsteins in the same positions as the official judge Frey, in winning, repeated his performance of last year.

Many of the contestants had one or the other of the classes, perfect, but most of the group disagreed somewhere along the line. Both winning judges were awarded show halters for their performance.

Ave. Rec.	Lifetime Prod.	Ave. per lact.	Age at Rec.	No. Calv.	Age at Rec.
17,481	69,923	17,481	5	4	15.0
17,790	140,275	17,790	13	12	12.1
14,558	104,756	14,558			14.8
14,494	164,671	14,494			12.1

LARVEY SHAFFER, EXTENSION DAIRY SPECIALIST from the Pennsylvania State University, left, congratulates the only two persons to have perfect scores in the judging contest at the twilight meeting at the Southeastern Pennsylvania Artificial Breeding Cooperative this week. Standing with Shaffer in front of the chart he used to show how misleading lactation records can be are Albert Frey, Manheim R2 and Lloyd E. Miller, Elizabethtown R3. Approximately 580 dairymen and their families attended the outdoor event. L. F. Photo

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MH-30-To spray or not to spray?

What does "Lancaster Farming" say about this?*

FROM WHERE WE STAND -

It appears we are on the same old merry-go-round we stepped on last year when some of us who played it straight stepped off to get our faces full of dirt.

Tobacco companies last year cautioned against the use of chemical growth inhibitors at the risk of severe price penalties for treated tobacco.

Many conscientious tobacco-farmers took the companies at their word and went through the age-old chore of hand suckering, while some of their adventuresome neighbors risked price cuts for the convenience of chemical suckering.

When the buyers hit the sheds last

fall, most of the tobacco was sold before the conscientious farmers had time to say, "But I suckered mine by hand."

What happened to the promised differential in price? Several farmers reported that the buyer did not even ask how the suckers were removed from the crop.

While the buying companies insist that they will not knowingly buy treated tobacco, they readily admit that treated tobacco, in many instances, does not show adverse physical effects that can be detected on the auction floor.

Tobacco bought on the auction floor is one thing, but the Lancaster county tobacco market is another.

In many cases the buyers were on the farms during the growing season, and still no premium was paid for the hand suckered crop.

If the tobacco companies intend to discriminate against the chemically treated tobacco, they made a poor start last season. There will be many more farmers willing to test them out again this year.

At least that's how it looks from where we stand.

Reprinted from June 11, 1960 issue

Various statements have been circulated giving a misleading impression of the U.S. Dept. of Agriculture's attitude on MH-30. Actually, the Department has refused to prejudge this chemical. It is engaged in careful, scientific review of MH-30. This will require many months.

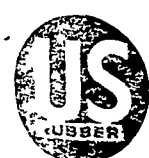
MH-30 has been tested for over a dozen years and used in the flue-cured areas for the past 5 years, in the burley belt for over 3 years and on cigar tobacco for 3 years.

With efficient labor increasingly hard to find and costly, the farmer must rely on chemical control of plant disease, pests and weeds more than ever before.

MH-30 is such a chemical. On the average it eliminates 30 costly man-hours of back-breaking hand-suckering per acre. It is very common for a single acre of tobacco to be attacked by as many as 125,000 suckers. We believe anyone who insists on pulling them by hand is fighting progress.

With unseasonable weather delaying the crops in Lancaster County, MH-30 should be of extra benefit this season. This chemical control frees the farmer from hand-suckering and allows him necessary time to catch up with his corn cultivation, haying and other chores.

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Wheat Vote Polls Announced

Polling places for the July 21 referendum on marketing quotas for the 1961 crop of wheat were announced this week by Landis G. Becker, Chairman of the Lancaster County Agricultural Stabilization and Conservation Committee.

Growers eligible to vote in the referendum will be those who will have more than 15 acres of wheat for harvest as grain in 1961 (except growers taking part in the feed wheat program.)

Mr. Becker points out that at least two-thirds of the growers voting in the referendum must approve the quotas if they are to become effective. Under quotas, marketing penalties will apply on "excess" wheat resulting from noncompliance with the farm's wheat acreage allotment, and price supports will be available on the crop at not less than 75 per cent of parity—the exact rate to be announced before the vote.

On the other hand, if more than one-third of the voters oppose the quotas, there will be no restrictions on wheat marketing, but allotments will remain in effect as a condition for price support at 75 per cent of parity as directed by law.

Wheat growers voting in a referendum each year have approved marketing quotas for the past seven wheat crops.

The wheat quota ballots may be cast on Thursday, July 21 from 8 a.m. to 8 p.m. at the following places: Growers from Conoy, West Donegal, Mt. Joy, East Donegal, West Hempfield and Rapho townships, Red Rose Dairy, 1/2 mile south of Florin.

For Penn, Warwick, Elizabeth, Manheim and East Hempfield twps., Levi Hertzog farm, 1 mile northwest

of Lititz (formerly J. Harry Hershey farm).

In East Cocalico, West Cocalico, Brecknock, Clay, Ephrata, West Earl, and Upper Leacock twps., McCormick Farm Equipment Store in Ephrata, Pa.

For Cacrnarvon, East Earl, Earl, Salisbury and Leacock twps., New Holland Fire Hall.

In East Lampeter, West Lampeter, Strasburg and in Paradise twps., Strasburg Bowling Alley, Strasburg, Pa.

For Lancaster, Manor, Conestoga and Pequea twps., Herr and Breneman Garage, 237 Manor Ave., Millerstown.

For Little Britain, Colebrook, Eden, Bart and Sadsbury twps., Herr's Garage, Kirkwood.

Also Martic, Providence, Drumore, East Drumore, and Fulton twps., Marron's Service Station at Cochran's Corner on Route 72.

● Lancaster Poultry (From page 3)

Brook Farm, 60 JB 1, 13 mo Daniel K. Good, 180.

11 Arthur Graybill, 6400 WV, 9, Starr Poultry, 19; 12 Eli N. Martin, 4000 WV, 9-6, Marvin Sweigart, 19-6; 13 George Neauman, 3000 WVC, 8-3, NO SALE, 18-6 bid; 14 Same, 2800 WVC, 8-3, NO SALE 18-4 bid; 15 Same, 4000 WVC, 8-3, NO SALE, 18-6 bid.

16 Same, 2500 WV, 8-3, NO SALE, 18-4 bid; 17. Jack Bucher, 5000 WV, 9, Meader's Poultry, 19-2; 18. Same, 19-1; 19. Same, 4800 WV, 9, Meader's Poultry, 19; 20 Same.

21 Daniel G. Forry, 3400 WV, 9-3, Daniel K. Good, 19-2; 22 Same, 3475 IR, 9-2 Daniel K. Good, 18-8; 23 Same, 3500 WV, 9-2, Daniel K. Good, 19; 24. Same, 1000 WV, 9-3, John N. Thomas, 20, 25 Same, 900 WV, 9-3, John N. Thomas 19-3.

26 Aaron E. Beller, 950, WVP, 14-2, Carl B. Risser, 25-2; 27. J. J. Hess II (J. Warren Eshleman) 1450 WV 10-2 Daniel K. Good, 20-4, 28 Miller & Bushong (Elvin H. Nolt) 3000 WV, 9-2, Starr

Poultry, 19-2; 29. M&B (Harold E. Rohrer) 4800 WV, 9-2, Roy E. Ream, 19-7; 30. Same, 4200 IR, 9-2, W. C. Mellinger & Son, 19-2;

31. Same, 6000 WV, 9-2, Starr Poultry, 19-1; 32 Same Harry H. Weaver Jr., 19-1; 33. M&B (Jay Donnemeyer) 5000 WV, 9, College Hill Poultry, 19; 34 Menno S. Beiler, 800 L-F-Y, Roy E. Ream, 14-1; 35 M&B (Samuel B. Felker) 5000 WV, 9, Meader's Poultry, 19-1.

36. Same, 12000 WV, 9, Meader's Poultry, 19-1; 37. Edgar M. Martin, 800 WR-HF, 17 mo, Marvin Sweigart, 19-5; 38. Elvin Bleacher, 4000 IR, 9, NO SALE, 18-7 bid; 39. Same, 18-6 bid; 40 M&B (Benjamin Brubaker) 1250 W Mts. C, 12-2, W. C. Mellinger & Son, 22-5.

41. Same, 42 Same, 650 WVP, 13-2, Daniel K. Good, 23-4; 43. Same 1100 WVP, 13-2, W. C. Mellinger & Son 23-6; 44. Arthur Graybill, 400 L-F, 2 yrs., W. C. Mellinger & Son, 14-4.

● Tobacco

(From Page 1)

ferred with transplanting and soggy ground prevented the transplanting when some of the seedlings were ready.

After some fields were planted, cutworms did some damage but most fields took hold nicely. Good planting weather and a rush to get the job finished created a plant shortage that in some cases influenced the farmer to plant the fields to corn or soybeans while other farmers were willing to wait on the plants hoping for some of the unusually good growing weather of last year to push the crop to maturity before frost.

The first estimate of average yield for this year's crop based on growers reports made just before July 1 is 1,550 pounds per acre, the report said.

● 4-H Demo.

(From page 1)

Florence Mae Flooy, Manheim R1; Electric demonstration, Richard Glass, 315 Pitney Road, Lancaster and Richard Leaman, 2554 Creek Hill Road, Lancaster, Live stock conservation, John Good and James Hess, both of Manheim R1; Flowers, Mary Jane Kreider, Manheim R3 and Shirley Clark, Manheim R1; Entomology, Wilmer Wenger, 76 Greenfield Road and David Denlinger, 2351 Horseshoe Road, Lancaster; Tractor, Gerald Kreider and Paul Trumble, both of Quarryville R1, Vegetables, Victoria and Steven Martin, Drumore; Horse demonstration, Sidney Ann and Barbara Shoemaker of Quarryville R2.

The contests are scheduled to begin at 9 a.m.

BLUE COMB

A disease which attacks growing pullets and young laying chickens.

ORIGIN: Not of bacterial origin, but otherwise suggestive of a contagious or infectious disease. Current view point: Probably a virus disease.

SYMPTOMS: Sudden decreased feed consumption, drop in egg production, depression and whitish watery diarrhea. Individual birds may have crop distension, sunken eyes, dark blue combs, shriveled shanks.

Post Mortem usually shows pale breast muscle resembling the flesh of fish. Crop is often filled with sour-smelling food. Small yellowish spots may appear on the liver. Enlargement of kidneys is common with the accumulation of urates.

CAUTION: Accurate diagnosis is necessary to differentiate between Blue Comb and Fowl Cholera.

TREATMENT: Several types of treatment formerly recommended have mostly been replaced by the use of the Broad Spectrum antibiotics or a combination of one of these with Furazolidone contained in a highly fortified feed.

For treatment of **Growing Pullets** we recommend the use of our **EARLY BIRD No. 50 Medicated Ration.**

For treatment of **Layers** we recommend our **EARLY BIRD No. 49 Medicated Ration**

Feed these for 4 to 5 days. We have found them quite effective. When a mash and grain program is followed it is well to discontinue the grain and replace it with a limited amount of our **EARLY BIRD No. 33 Poultry Fitting Ration.**

If you have birds that "do not look just right", or trouble strikes your flock please call your Miller & Bushong representative or call Lancaster EXpress 2-2145 Collect

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● Linear

(From Page 1)

kets," Hutton said. With the information as accurately supplied as possible, all feasible plans of farm programming are considered by first eliminating the obviously unsuited activities.

For example, a farmer might have the alternatives in the dairy business of raising all or none of his grain feed, all or none of his forages, having a pasture program or a "corral" dairy program. He might plan to raise his replacements or buy them, or any number of other variations. Similar variations arise in all other phases of farming.

Now the question arises, how can all necessary data be processed to show the farmer what he could expect in the way of returns from each program? The answer is PENNSTAC.

Pennstac is the electronic computer built by the Electrical Engineering department at the University. It has been used for several months to process the Dairy Herd Improvement records for the state.

Fed accurate information regarding goals and resources, the computer will run through an amazing number of calculations to find the pertinent activities which will help the farmer reach his goals.

When asked what the future of Linear Programming is likely to be, Becker said "We have never before put so much pressure on facts. One thing we are finding out is that we need better and more detailed and accurate records. The university plans to build a course in agricultural economics around the program, but at this time, facilities are so limited that we can offer no aid to farmers. However, several of the commercial farm management companies are offering the service."

"When questioned as to the possibility that machines could now be counted on to make the decisions in farming, both Becker and Hutton hurried to assure the group that good judgement on the part of the farm operator can not be discounted."

"But judgement based on the results of Linear Programming is better than judgement without it," Hutton said.

Family Night Planned By Farm Women 6

Members of the Society of Farm Women No. Six plan to hold a family night and covered dish social in the Elizabethtown Park on July 26 at 6:30 p.m.

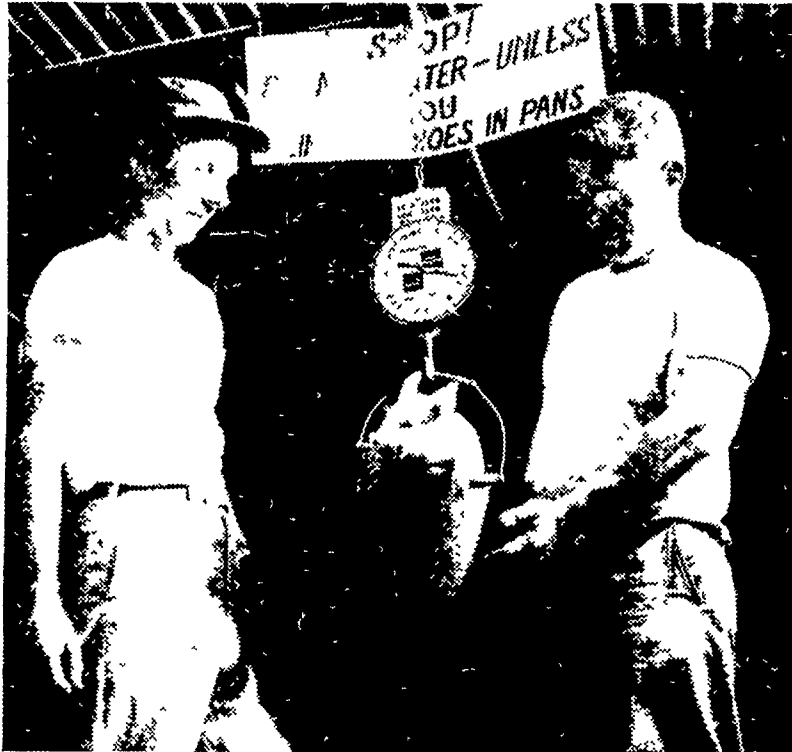
Other features of the July 9 meeting of the group, in the home of Mrs. Jonas Parrett, who was also in charge of devotions, were pictures of the Hershey flower gardens and the DuPont gardens as well as pictures taken by Mr. John Heisey on his trip to Nova Scotia.

Co-hostesses for the meeting were Mrs. Jonas Parrett, Mrs. Henry Breneman and Mrs. Mustert Heisey. News reporter for the group is Mrs. C. R. Frey, Elizabethtown.

According to the National Safety Council the youngsters are the most likely to suffer serious injury on the farm. The five to fourteen age group has more fatal accidents on the farm than any other age group. Keep an eye on them and keep them away from farm machinery unless they are old enough to understand the danger, advises University of Delaware agricultural engineer Ernest Scarborough.

More Proof . . . It Pays to Feed PURINA

Willow Glen Farm's Purina-fed Sow Herd



John Henkel, left, and Joe Little, owners, of Willow Glen Farm, R. D. 1, Strasburg.

Big Healthy Litters



During February, March, and April of this year, 29 first-litter gilts farrowed at Willow Glen Farm. They weaned an average of 9 pigs apiece — big pigs which averaged 2.62 pounds at birth! Their new farrowing house has 30 metal stalls designed and built by Joe and John. Sows leave these stalls twice daily for feed, water, and exercise. Pigs stay here to 3 weeks of age.

. . . And Fast, Early Growth!



This group of 10-12 week-old gilts will average 70 pounds or better. All are candidates for foundation stock. Some will stay at Willow Glen Farm. Others will move into commercial herds.

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John B. Kurtz





COMPARING THE DIFFERENCES in cultural practices in this experimental plot of corn at the Manheim Central High School, shows Joseph McGahen, teacher of vocational agriculture, that cultivation and fine seedbed preparation have made very little difference in the size of the corn or the incidence of weeds. Rough soil in the foreground shows that the corn was planted right behind the plow without working the soil down. To the right of McGahen, soil was disced several times and worked down with the cultipacker before planting. The corn has been cultivated once. The wheel track planted plots do have some weeds, but McGahen believes the corn has enough head start to crowd most of them out.

Wheeltrack Corn Plots Planted By Manheim FFA

Farmers in the Manheim area will have a chance to observe at first hand the differences in cultural practices in the corn belt.

Students at Manheim Central high school under the guidance of Joseph McGahen, teacher of vocational agriculture have set up demonstration plots on the ground adjacent to the vocational agriculture shops at the rear of the high school buildings.

The purpose of the plots is to show the results of three different cultural practices on the growth of corn.

Using one variety of hybrid and one fertilization program, the plots will test the value of planting in the tractor wheel track versus complete cultivation of the seedbed and cultivation of the corn after it is up and growing. All plots were planted on the same day.

All the plots received the same treatment before plowing. Super phosphate at the rate of 525 pounds per acre and 100 pounds of Ammonium Nitrate per acre was spread on the plots before plowing began. In the first of three plots the corn was planted in the plowed field without working the soil down at all after the plow. In the second of the plots, the disc was brought in and taken over the field only once to smooth out the seedbed slightly. In the check plot a normal Lancaster County program of three discings and once over with the cultipacker was used.

An application of 200 lbs of 5-10-10 commercial fertilizer was put beside the row in each plot at planting. All three plots were sprayed with atrazine at planting time. (Turn to page 9)

GRASS IN SHADE

Creeping red fescue, Chewing's fescue, Poa trivialis, and Kentucky 31 fescue are the most shade-tolerant grasses, report Jack Harper, Penn State extension turf specialist.

The greatest number of accidents involving tractor tipovers occur in level land. Excessive speed, unevenly adjusted brakes and ditch banks are more dangerous than steep hills.

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John C. "Tex" McCall uses two-way radio to check progress of a spraying operation on another of the farms which make up Dupram Farms.



Flag flies over the large Garrison Colonial farm home of McCall and his wife, Ardis, shown on steps.



McCall maintains a modern, well-equipped office on the farm to conduct business reaching many distant points in the country.

(From page 8)
The spray was applied
13-inch band over the
the plow-plant plots no
vation will be done, but
the other two plots, a
cultivation program
be carried out for the
of weeds

McGahan believes that the
will be a severe test
the new method "If the
track planting will
here, it will work any-
ere" is the way he puts

McGahan goes on to ex-
that the field had been
for several years and
overgrown with weeds.
Moreover, much of the
had been packed by
construction company

trucks when the new school
was being built. "We should
have mowed or disced the
tall weeds down before we
plowed" McGahn said, "but
even with the weeds that did
not get completely turned
under, there does not appear
to be a weed problem in the
plots

McGahan will make no
guess as to results "We will
wait and see," he says, "But
the wheeltrack plots look
just as good as the other
plots now, and it didn't take
anywhere near the gasoline
or labor to get the plots re-
ady I'm anxious to take
yield tests and just see what
the difference will be. That's
the only way we can find
out if it will work"

● Farm Safety

(From page 4)

of our farming industry." He
continued that "various indi-
vidual, regional, and nation-
al farm safety activities have
proved their worth in reduc-
ing the number of accidents
which occur on our farms."

Theme of NATIONAL
FARM SAFETY WEEK this
year is "Enjoy Farm Life—
Practice Safety." Statistics
show that about three farm
families out of four enjoy an
accident free year. The one
family in four suffers the
deaths and serious injuries
from farm, home, and high-
way accidents. But being one
of the "Happy-three" does
not guarantee that the next
year will be accident-free.
Safety, like liberty, requires
eternal vigilance.

A study compiled by In-
surance Companies shows
that speed was responsible
for 12,980 traffic deaths in
1960—more than 43 per cent
of the total.

USDA Report Shows

Farm Exports Continue Rise

Ezra Taft Benson announced
today that the volume of
U.S. agricultural exports in
the 1960 fiscal year that en-
ded June 30 set a new record.
The volume of agricultur-
al exports that moved under
cash sales also was the larg-
est in history, the Secretary
said.

On a value basis, export
sales for dollars in fiscal
year 1960 came to a near-
record \$3.3 billion, compared
with \$2.4 billion the pre-
vious year. The increase in
export sales for dollars was
largely due to expanded
marketing of cotton, corn
and oats, soybeans, vegetable
oils, fruits and fruit juices,
livestock, and livestock pro-
ducts. These larger export
sales are evidence that the
Department's expanded ef-
forts in market development
are paying off, the Secretary

said
Over 70 per cent of the
year's exports represented
dollar sales. Somewhat less
than 30 per cent of the ex-
ports were under special ex-
port programs, mainly Pub-
lic Law 480.

Export totals for the year
ended show record ship-
ments abroad of feed, grains
soybeans, protein meal,
poultry meat, tallow, and
cottonseed and soybean oil.
Rice exports were second
largest in history, and lard
exports were second larg-
est since World War II. Cot-
ton exports were twice as
large as for the previous
year. Wheat exports substan-
tially exceeded last year's
high level. The value of ex-
ports increased over the pre-
vious year for all commodi-
ties except tobacco, dairy
products and rye.

Agricultural exports for
the 1961 fiscal year that be-
gun July 1, are expected to
remain strong. First official
estimates of the expected
level of 1961 exports will be
made at the annual Agricul-
tural Outlook Conference
this fall.

If a competent son who
was the understudy of his
father waited for the old
old man to say Go, he'd be
wearing white whiskers be-
fore he got the signal.

New
Musser Leghorn
FARMS
PULLET
R.D. 1, MOUNT JOY, PA.

KILL! KILL!
RATS & MICE the Easy Way
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potatoes the modern way... DITHANE M-22 spray program

"state" brand of Certified Foundation Seed
goes from Dupram Farms in Washburn,
to 28 or more states each year.

by Harry Umphrey and his family, the mod-
00-acre potato operation at Dupram Farms is
ged by John C. McCall, a son-in-law of
umphrey.

with managing this large farming operation,
McCall finds time for an active role in Boy
Rotary and Town Council work. He also
as president of the Associated Industries of
vice president of the Maine Polled Hereford
director of the National Assoc. of Manufac-
vice president of the Aroostook Potato
ers, and officer in the family owned farm supply,
food and starch companies. Fishing and horse-
riding are his favorite leisure activities.

It has now used DITHANE M-22 (maneb)
de for two years. He says, "The performance
product has convinced us that it is superior
fungicide we have ever used to control
blight."



Sons Billy, 13, and Harry, 7, aboard their pet horses,
Streak and Honey, respectively.



As a sideline to Dupram Farms' potato growing and
processing business, 150 head of registered Hereford beef
cattle are fattened for market.

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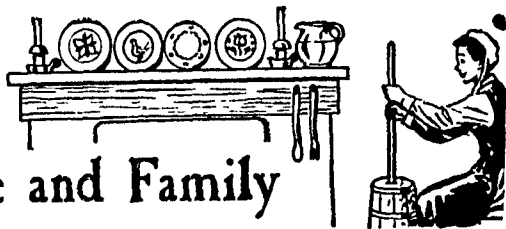
LITITZ

Phone MA 6-6575



Harry Breuer unloads DITHANE M-22 from pickup and George
as McCall watches the operation.

For the Farm Wife and Family



Questions And Answers

by Mrs. Richard C. Spence

Today we are going to deviate from our usual recipes; instead, we have some questions and answers which we hope will be interesting as well as helpful to you. Qualified home economists have provided the answers to these questions, thus providing you with the latest information on these subjects.

Q. How can you remove water marks from aluminum pans?

A. In hard water areas when you let an aluminum pan air dry the minerals in the water form a white spot. If you add softener to the rinse water more water drains from the pan so there will be less chance of spots. Water spots don't harm a pan and most women seem to feel that they'd rather air dry pans than wipe them, even though some spots are formed.

Q. Can you air-dry stainless steel flatware?

A. If you use very hot soft water for rinsing and loosely stack the silver you'll have as little water spotting as possible. The hot water seems to drain off more

quickly, thus leaving less spots. But you may still find that a quick buffing with a soft towel will better satisfy you.

Q. What kinds and how many knives do you need?

A. What knives you buy depends somewhat on the kind of cooking you do. You may want to start with a paring knife with about a 3-inch blade and a 6-inch utility knife. A butcher knife, French cook knife and bread knife, all with 8-inch blades, are good to have in a starter set. A swivel vegetable peeler, small spatula, 9-inch slicer, 4-inch curved fruit knife and a second paring knife may be other choices.

Q. Is canned chicken safe for eating if it was frozen

and now has been thawed for some time?

A. The canned chicken should be safe to eat if the freezing did not in any way break the seal on the jar. When food is frozen, it expands and frequently this causes a lifting of the lid, producing a leak in the jar. If this happens, the food is unsafe for human or animal consumption. However, if the jar seal is still perfect, the fact that the chicken has been frozen will not destroy the sterility of the meat, and the chicken would still be safe for use.

Q. How do you keep berries from floating in jam?

A. Fruit that isn't fully ripe or isn't thoroughly crushed may float in jam. More often it may be because the jam isn't stirred for a full 5 minutes after taking it from the heat. When the jam is cooked take it from the heat, skim off the foam, then stir and skim for a full five minutes.

Q. How do you make uncooked strawberry jam?

A. If you have freezer or refrigerator space for storing an uncooked jam you'll enjoy the fresh flavor and the ease of making it. Hull a quart box of berries and cover with a fourth cup of sugar. Let stand until juice is formed. Measure out two cups of fruit, add 1 tablespoon lemon juice and 2½ cups sugar. For one minute, boil 6½ tablespoons powdered pectin with ¾ cup water

Stir the hot pectin into the berries being sure that it is thoroughly mixed.

Q. Why does some cheddar cheese not melt smoothly?

A. Cheddar cheese may be good quality and flavor but not melt smoothly if it's too young. With a piece of cheese the size of a walnut, crush it in your fingers and try to knead it until it's waxy. If it doesn't work in to a smooth round ball the cheese may still have a curdiness found in young cheese. Then it's not apt to melt smoothly but will get tough and waxy.

Because prone to ripen, cheddar cheese generally has a more distinct flavor than process cheese, many home makers prefer natural cheddar in cooked dishes. However, if the homemaker wants both distinct flavor and "meltability", her buy is softened aged rather than under ripened Cheddar, even though it is likely to cost more.

Q. Every year for the past three years our rhubarb gets wormy before it's big enough to use. Can you recommend some spray that we can use that is harmless?

A. The insect pest which makes your rhubarb wormy is the rhubarb curculio. This insect is a common pest with rhubarb and can be controlled by spraying or dusting with rotenone. Rotenone leaves no toxic residue and you can spray or dust your rhubarb until a day before

you harvest it. The rhubarb curculio doesn't breed in plants but just feeds in them. It lays eggs in weeds as curled dock. If these weeds grow around your rhubarb bed, you should get rid of them.

Q. When I use several electric appliances they seem to heat slowly, what can I do?

A. If you're planning a meal that takes several appliances check that you have no more than two heat appliances on each circuit. This will keep you from overloading a circuit and slowing down the heat. You can also plan the meal so that you use an appliance like a griddle, grill, fryer-cooker for the first part of the meal then, until the cooking is over, use the coffee maker.

Q. How do you clean a ceramic tile?

A. Use either a regular (Turn to page 11)

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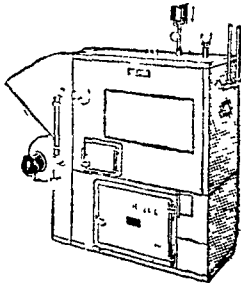
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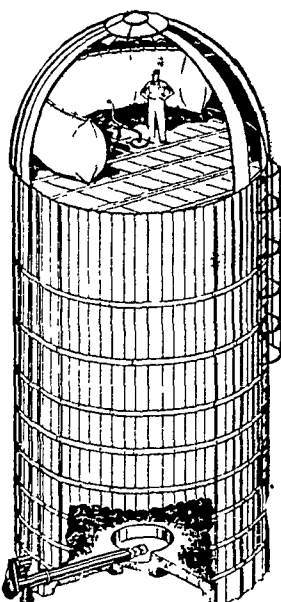
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Loans on Savings Accounts	140,953.00
Federal Home Loan Bank Stock	270,000.00
Federal Home Loan Bank Obligations	2,989,139.00
U. S. Government Obligations	1,678,901.00
Other Investment Securities	50,000.00
Accrued Interest on Investments	40,897.90
Cash on Hand and in Banks	504,228.00
Office Building and Equipment	181,426.00
Less Depreciation	
Deferred Charges and Other Assets	4,794.00
TOTAL ASSETS	\$20,556,059.50

LIABILITIES

Savings Accounts	\$19,466,416.00
Loans in Process	2,457.00
Other Liabilities	70,847.00
Reserves	1,464.00
Specific	901,953.00
General	123,121.00
Surplus	
TOTAL LIABILITIES	\$20,556,059.50

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Asst. Secretary**

Questions

(From page 10)

gent or a soda solution to ceramic tile. Then use it off with clean water. After a sponge or a brush works well for applying the solutions. They're good tools for cleaning off the surface of the tile as well as the grout between the tile.

Q. How can I remove yellowed wax from inlaid linoleum?

A. To remove the heavy layers of wax that have built up make a solution of cup detergent and 3 ounces household ammonia dissolved in 1 gallon warm water. Use a soft cloth to apply the solution and do this several times. For stubborn spots scrub lightly with steel wool. Be careful not to scratch the floor. Try to keep the solution out of cracks. Rinse the floor with clear water and wipe dry. You can also purchase a commercial solution sold for wax removal. It do follow the instructions carefully.

Q. What is the best way

to take care of wood floors?

A. The floor brush attachment of the vacuum cleaner does a thorough job of floor cleaning. Use the cleaner or a floor broom as often as you need to pick up dust and soil. If you want to give your floor a protective coating, use a cleaning and polishing type wax. This will remove the surface soil and give a wax coating.

Q. Can you take all the color out of a nylon dress or curtains?

A. Using a color remover it may be possible to remove most of the color from nylon. You may get some hard to-remove wrinkles in. Nylon won't melt at the boiling water temperature that you need to use with the color remover. But the hot water may soften the nylon somewhat, letting rather durable wrinkles form. Not all dyes are equally affected by color removers so there is a chance that the material may not be a clear white or it may be streaky.

Q. What is the best way to

dampen clothes?

A. Use warm water and spray clothes with a fine mist. Don't over dampen the clothes or don't roll or fold them tightly; this just adds wrinkles. It's better to cover the loosely folded damp clothes in plastic sheeting or put in a plastic bag. Let stand for a few hours so the water will spread into the fabric.

Q. Can you bleach wash-and-wear shirts to restore whiteness?

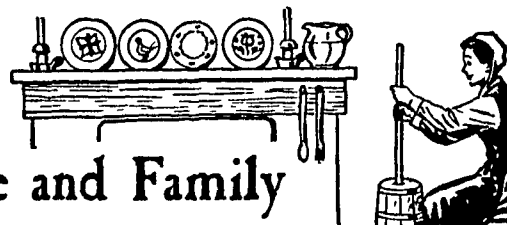
A. Most wash-and-wear shirts tend to turn yellow in chlorine bleaches. If the label says they are bleachable they may not. Usually the sodium perborate bleach can be used on these shirts as it is milder. However, it seems to be most effective in preventing graying rather than restoring the whiteness. You can use a color remover to whiten these shirts but it's apt to affect the wash-and-wear properties.

Q. What is the best way to wash a shower curtain?

A. Check the label on your shower curtain to see if it is machine washable. If you have a short cycle on your machine, wash the curtain with warm water and a mild detergent. But don't put the curtain through the spin cycle or deep creases may result. Rinse, then hang curtain up to dry. You can wash most plastic and cloth shower curtains this way. For less sturdy curtains you may want to suds them in of warm water and detergent in your washer. Detach the bathtub, rinse and hang back on the rod.

Q. How do you launder

For the Farm Wife and Family



glass fiber curtains?

A. It's best to wash curtains of glass fiber in mild detergent and warm water. But don't wring them as the glass fibers tend to break. Just rinse the curtains and hang them up to drip dry. In a few minutes they'll dry so that you can put them back up on the rods.

Q. What's the best way to use and care for an electric blanket?

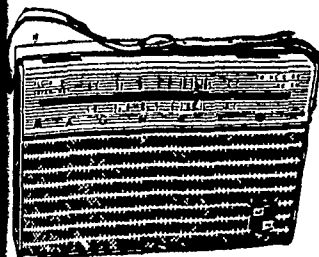
A. You'll get the best comfort from an electric blanket if you put it on directly over the top bed sheet. Then, if you leave your bed spread on top of it at night it may conserve some of the heat. If you remove the bedspread and keep your bedroom quite cool, you may want to use a light weight cover on top of the blanket. Of course the electric blanket adjusts to any heat and no covering is necessary. Be sure that you wash the electric blanket and don't try to dry clean it yourself or send it to be cleaned.

To wash your electric blanket, prepare a good suds of warm water and detergent in your washer. Detach the cord and control unit and put the blanket into the

suds. Let stand without machine action for 15 minutes. Turn the blanket over and let stand for another ten minutes. Then, let the water spin off. Put the blanket through several rinse waters but don't let the machine agitate any more than necessary. Have someone help you pull the clean blanket gently but firmly both lengthwise and crosswise. (Turn to page 12)

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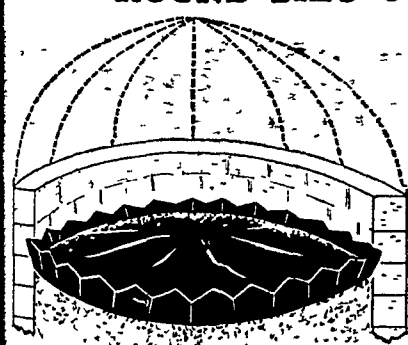
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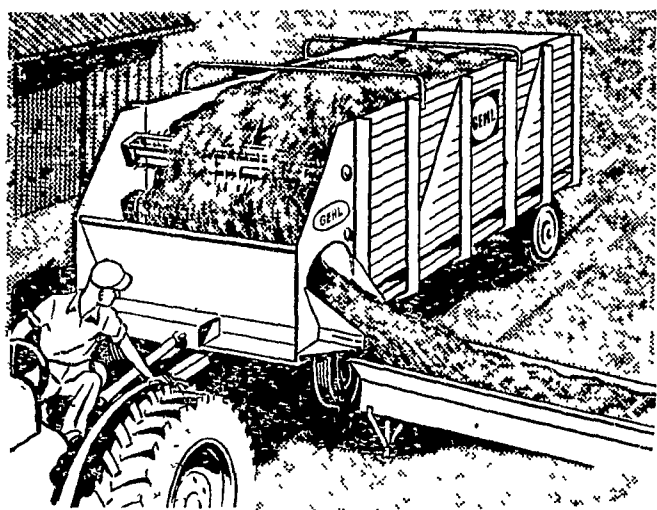
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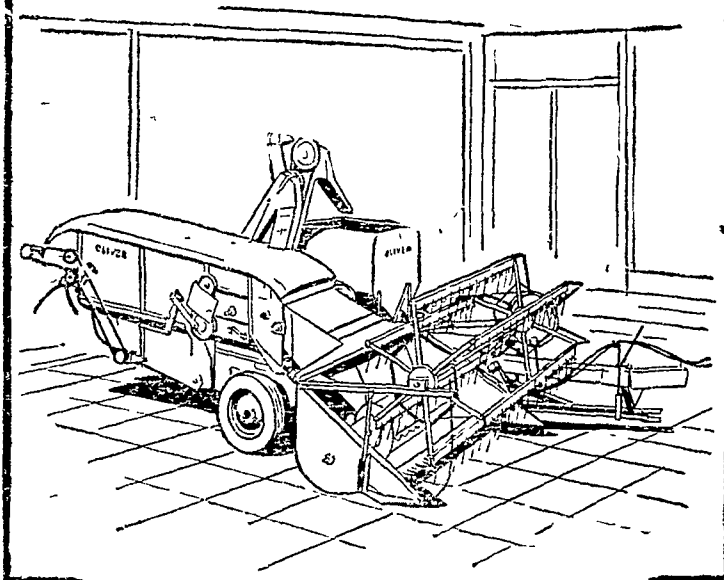
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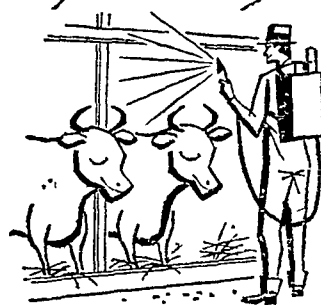
This Oliver 18 saves more from the start. Its semi-revolving reel with bars going straight down into the grain reduces chaff to losses. Next, 90% of the threshed grain is caught in the cylinder by Oliver's famous "Man Behind the Gun" before it can mix with chaff. An unusually long straw rack gets the re-

Other than the time saving mentioned above, the 25-yr-old female also concave mirror drawing target accuracy was better than the control group. The Oliver test score of 90

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Food Buys

Higher Prices Expected

Generally higher prices for fresh meats and most fresh fruits and vegetables greet the week-end food shopper, reports Tom Penn State Marketing. A combination of factors is responsible.

Local production for certain fruits and vegetables is much as two weeks behind normal schedule because of inclement spring weather delayed planting. A strike of western orchard workers has contributed to higher prices through a reduction of market supplies.

Smoked hams and bacon will be the best meat values week-end at area food stores. Some stores will feature ground beef at bargain prices. Higher prices will be noted on chicken, pork, lamb and most cuts of beef.

This is the season for baked and fish fries. Prices are generally changed from the pattern of recent weeks. Rock fish, haddock and sea bass are in

season and prices are reasonable. Haddock is available and shipments of frozen halibut are now arriving from the west coast. When good fishing weather prevails, look for good buys in fish.

With production as much as two weeks behind schedule, price tags have been boosted on carrots, corn celerery, peaches and cantaloupes. Higher prices are also expected on shipments of plums, cherries, apricots, and grapes from the West coast. Banana prices are higher too. Best buys in fruit include locally grown tart cherries, summer apples, watermelons, blueberries, honeydew and Persian melons.

Cabbage one of the most important fresh staple commodities consumed in this country has been in very heavy supplies with prices very low. From all indications prices will probably remain low for cabbage in the very near future. Cucumber supplies have been liberal with the packers and growers not realizing enough profits to pay for marketing and growing cost. Eastern round white potatoes are being dug in several eastern coastal areas. The results are that the northeastern market is constantly being overloaded. Prices are very low

New Bulletin Explains

Farm Processing of Poultry

Producers who process and market their own poultry will find new information to help them improve practices and increase returns from their flocks in a new U. S. Department of Agriculture bulletin titled "Processing & Marketing Farm Poultry".

The publication is a revision of Farmer's Bulletin 2030, "Marketing Farm Poultry".

The bulletin gives information to help producers marketing their poultry—but not receiving federal inspection—to meet standards required for producer exemption under the Poultry Products Inspection Act.

The illustrated publication discusses market planning, briefly describes requirements of the inspection act, and makes recommendations for design, location, and equipment of farm poultry

and quality is generally good.

Better buys among fresh vegetables include cabbage, green beans, lettuce, radishes, cucumbers, and peppers. Tomato and potato prices are subject to influence of rains in the eastern shore producing areas but promise to move lower in the weeks ahead. Cauliflower and broccoli are available in limited quantities at fairly high prices.

CONTROL RUST

Rainy weather has encouraged the development of hollihook rust. Allen Bauer, Penn State extension plant pathologist, recommends spraying with zinc 65 percent wettable powder at 1½ level tablespoons or ferbam 76 percent wettable powder at 2½ tablespoons per gallon of water.

The theme of Farm Safety Week this year is "Enjoy Farm Life — Practice Safety".



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**TREATED POTATOES
GROW BIG—
But Don't Sprout**

Many growers who use MH sprout control report storage sprouting is eliminated. In fact, one large Michigan potato grower says he doesn't have to hand-sprout at all!

MH is so effective that it insures top market price for potatoes even after many months of storage. It's safe, non-toxic, does not affect flavor, color, quality or yield. Inexpensive and easy to apply. MH-30 is applied by ground or air to the potato foliage before harvest. Write, wire or phone us if unable to locate immediate source of supply.

Bulk Spreading Service

Dealers for—
FERTILIZER and LIMESTONE
SMUCKER BROS.
Bird-in-Hand
Ph. Leola OL 6-2229

Feed For PRODUCTION



It's easy with Wayne 16% Dairy

This clean, wholesome feed is high in digestible nutrients, carries a popular variety of blended ingredients, yet contains no filler or screenings.

Fed straight from the bag to cows getting good quality roughage, Wayne 16% Dairy will push milk production to the peak of the cow's inherited ability to produce.

Properly balanced rations will boost milk production as much as 30%.



**MOUNTVILLE
FEED SERVICE**
R. D. 2, Columbia

ROSS C. ULRICH, JR.
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LIME VALLEY MILLS
R.D. 1, Willow Street

ABERDEEN MILLS
R.D. 2, Elizabethtown

**MILLERSVILLE
SUPPLY CO.**
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**SUNSHINE FARM
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R.D. 1, Ronks

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J. K. STAUFFER & SON
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**H. M. STAUFFER
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United States Rubber

Naugatuck Chemical Division

Dept. A Elm Street, Naugatuck, Connecticut

producers of seed protectants, fungicides, miticides, insecticides, growth retardants, herbicides: Sporgon, Phygon, Aramite, Synklor, MH, Alanap, Duraset.

● Plowing Contest

(From page 1)

check for \$25 as a token of their appreciation

Givler, as chairman of the plowing contest announced that entry blanks for the contest are available by writing to him at 1711 Lincoln Highway East, Lancaster or by calling Lancaster, EX-press, 71148. Deadline for the entries to be in the hands of the committee was set for July 26.

All entrants in the contest must be at least 16 yrs of age, Givler said, and must accompany the entry blank with a two dollar entry fee which will be refunded when the plowman shows up at the contest with tractor and plow. Only the first 15 applications received can be accepted, he said.

Winner of the county contest will compete for the state crown in Franklin Co next month. The state contest will have entrants in

both level land and contour plowing.

The first conservation field day sponsored by the SCD has been scheduled for August 24 on the Clarence Garber farm, Willow Street R2. The cooperating agency chairman will meet on the farm on July 19 to plan the program for the day.

Tentatively planned to follow the format of the popular dairy cattle field days the conservation program will feature soil judging contests, exhibits and demonstrations.

Meanwhile, the district approved the applications for conservation plans by two new cooperators. The approval of the two plans brings the total of new plans this year to 120. The plans will go to H. A. Joyce, Kirkwood, Colerain twp for 96 acres and Karl V. Peters, Columbia R2, West Hempfield twp, for 20 acres.

Soil tests furnish a basis for soil building and crop fertilization. They allow the farmer to spend his fertilizer dollars more wisely.

Farm Calendar

(From Page 1)

8 p.m. - Meeting of the Drumore Community 4-H club at the home of Claude Hart, Quarryville, R2.

July 20 — 8 p.m. - Hempfield 4-H meets at the Farmdale swimming pool. 8 p.m. - Garden Spot community 4-H club tour of members' projects.

July 21 — 2 p.m. - County 4-H picnic and field day at Long's Park, Old Harrisburg Pike outside Lancaster. New Providence Community 4-H club will hold its meeting in conjunction with the field day.

July 23 — 1:30 p.m. - Lancaster County Swine Assn. bred gilt sale at the Paul Martin sale barn in Blue Ball.

7:30 p.m. Lancaster Co. SCOUTdoorama at the Octorara Archers range. Near New Providence Co. FFA members to be guests of the county Boy Scouts. All-Day National Flying. Farmers Northeast Regional

Fly-in at the L. L. Logg airport, Kennett Square. July 25 — Deadline for entries in the SPABC cattle show. 8 p.m. - County FFA meet in the Warwick school. July 26 — 9 a.m. - County Holstein Field Day at the farm of Clarence R. Markham, R2.

● Nitrogen

(From page 16)

So we begin with a known quality of nitrogen left after harvesting the crop. How much remains in the plant root zone that is, or can be available to the next crop? be influenced by soil temperature and moisture, physical properties and action, type of crop and rainfall distribution amount.

When the complete answer to the nitrogen story is known we may be able to save fertilizer by decreasing the amount lost during the winter and by determining what amount is left in the soil.

Used Office Desks

Various Sizes

\$20 to \$40

Used Filing Cabinets

\$7 to \$25

Chairs

All types & sizes

\$1 to \$5

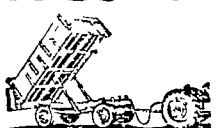
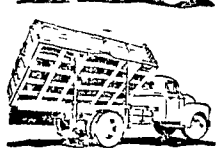
All types of used office equipment and filing systems

SURPLUS EQUIPMENT COMPANY

PRINCE & JAMES ST., LANC. Ph. EX 3-4011

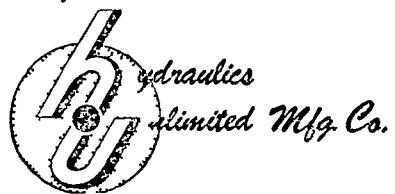
Summer Hours — Tues. to Fri. Noon to 9; Sat. 9 to 5

HARSH HYDRAULIC HOISTS



The 32 available models come to you with a wide range of lifting capacities ranging from 3 1/2 to 20 tons for your truck, pickup, or trailer. The smooth, trouble-free action of a HARSH HOIST has a fast lifting time of from 12 to 160 seconds, which allows more time for actual hauling.

These hoists come to you at an average cost of only 16¢ a day as compared to the \$10-\$15 a day you now spend to manually unload your truck.



To design and build a hoist to suit your exacting tonnage, speed, and budget was the aim of HARSH HYDRAULICS LIMITED MFG. CO. operations. This hoist was built to run in use throughout the nation.

The HARSH HYDRAULIC HOIST weighs only 328 1/2 lbs. (including 1 cubic foot of water) and maintains a low taxable weight of averages 273 lbs. These economic hoists are built for either back or side loading depending upon your need.

Save costly time and eliminate back-breaking labor by unloading with a HARSH HYDRAULIC HOIST engineered for economical, speedy, and durable use.

MANN & GRUMELLI FARM SERVICE

R. D. 2, QUARRYVILLE

Phone ST 6-3500

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ATGLEN, PA.

PHONE LYric 3-5137

Continues to Offer You

SECURITY SERVICE
SATISFACTORY RETURNS

And to announce that the New 35 1/2 Series will be held open until the end of August, 1960 for:

SINGLE SHARES: \$1.00 per month per share.
DOUBLE SHARES: \$2.00 per month per share.
FULL PAID SHARES FOR INVESTMENT.

SAVE! SAVE! SAVE!

Now is the time to start SAVING.

FOR — That new dream home.
FOR — Remodeling or Modernizing your present home.
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FOR — Retirement.

For further information, contact the Secretary, Mr. C. Blaine Danner, Atglen, Pa. or any of the following Directors:

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ATTENTION! LOT DEED HOLDERS ONLY! THIS HUGE 3 BEDROOM HOME FOR ONLY...

NO DOWN PAYMENT! \$7490 COMPLETELY ERECTED AND CUSTOM BUILT ON YOUR LOT

NO LEGAL FEES! NO SETTLEMENT CHARGES! NO LOT RESTRICTIONS!



No Cash Needed!

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FABULOUS KITCHEN!
"Easy clean" formica counters
Modern Dining Area

RICHMOND PLUMBING & HEATING INCLUDED

ALL INTERIOR FINISHING MATERIALS & HARDWOOD FLOOR INCLUDED

COLORFUL FULL TILE BATH

AS LOW AS \$44.47 MONTH

FULL BASEMENT INCLUDED

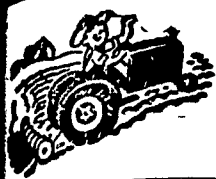
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Farm Equipment

AC "90" All Crop Har-
Special prices.
Crop "60" with new cyl.
bars & concaves.
Forage Harv w/grass,
corn & pick-up attach.
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HC "A", "H", "F-14"
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Equipment — Heavy
2 & 3 point dozer blad-
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ener's Farm Machinery
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250 amp Lincoln DC.
New Lincoln 180
AC for \$135. Hiestand,
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Case NT baler
Case F-2 combine
Case forage harvester
New Idea tr mower
Hairs Implement Store
West Willow EX 3-8311

Crop 100; Gehl Forage
erster with both heads;
ehl self unloading wagon
D-14 demonstrator.
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Holland Ph ELgin 4-2214.

560 Fairmalt tractor
ust be sold at once Will
erifice D L Diem & Sons
Litiz Phone MA 6-2131.

Used Tractors
Fairmalt 400 fast hitch, 1
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Fairmalt Super C fast hit-
1 Fairmalt Super C less
st hitch, 1 Fairmalt A with
ultuator, 1 Super A, 1
ver 88 Diesel, 1 Super
ner 88 Diesel, 1 No 22
terpillar crawler; 1 Super
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New Holland baler with
eel wheels, 77 New Hol-
land baler with starter &
bbel 66 baler with en-
ne on steel, 66 baler with
gine on rubber, 66 baler.
O, on rubber; 77 baler on
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Ed Milk Coolers 1 350-
l Ecco bulk tank, 1 200-
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Special Discount (New)
Century Hi-Clearance corn
trayer 2 used Bean Hi-
earance corn sprayers.
ester Singer, Ronks, Pa
Phone Strasburg OV 7-6712.

ood Silos Sales & Service.
ohn S Stoltfus, R4, Lanc-
ster, Box 742.

ow is the time to have
our dairy barn or chicken
house air conditioned by
ent-O-Matic Control. ven-
ilation without drafts All
installation guaranteed Ille-
and, Inc., Marietta R1. Ph.
Hazel 6 9201.

Habco grain bin dryer
00 bu D L Diem & Sons
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AGENTS WANTED
Run a spare-time Greeting
card and Gift Shop at home
Show friends samples of our
new 1960 Christmas and All-
occasion Greeting Cards and
Gifts Take their orders and
earn to 100% profit No ex-
perience necessary Costs
nothing to try Write today
for samples on approval Re-
al Greetings, Dept. 49, Fair-
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EX 7-2486.

NEW Dehumidifiers - good
prices. Used Electric Ranges
good condition. 14 cu. ft. up-
right freezer - good shave.
Some used refrigerators.
L. H. Brubaker, 350 Stras-
burg Pike, Lanc EX 7-5179,
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OV 7-6002.

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1000 DeKalb 13-week old
pullets Hiestand, Inc., Mar-
ietta, R D 1. Ph HA 6-9301

Good selection of used egg
washers. We repair all ma-
kes. Hiestand, Inc., R1, Mar-
ietta, Hazel 6-9301

Mail Box Market

FREE, Subscribers to Lanc-
aster Farming will receive
one advertisement each mon-
th in our Mail Box Market.
Subscribers using the Mail
Box Market will be governed
by the following rules:
Limit your advertisement to
five lines which means not
over 25 words; All adver-
tisements must be in our
hands by Wednesday noon or
same will be held over for
next week's paper; No busi-
ness advertisements accept-
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For Sale: Suckling Pigs. Ph
Lititz MA 6 5516

For Sale: Two purebred
hornless, three months old
Saanen bucks \$15 each Two
milking does and a four yr
old buck \$35 Bangs and TB
tested MOhawk 5-8766.

For Sale 300 yearling Leg-
horns, laying well 75c each
Also wanted used tobacco
lathe John M. Martin, Den-
ver R1, at Fivepointville

Livestock For Sale

For Sale One 7 month old
white faced buck. Service-
able C B. Stephens, 1/4 mile
S Nottingham on U S Rt
1 Phone Oxford 672-R-1

Miscellaneous

Health Foods
Walnut Acres, Penns Creek,
Pa - the HEALTH FOOD
STORE & MILL on an OR-
GANIC FARM Pennsylvania's
most complete store for
NATURAL FOODS No fresh
produce Write or visit.
STORE HOURS (DST)
Monday - Friday - 8 to 4:30
Saturday 8 to 12, closed
Sundays, holidays

For Sale: Black Wilson soy
beans \$3 60 per bushel Cy-
rus B Ferguson, Kirkwood,
Pa Phone Lambert 9-2613.

Lancaster Farming advertis-
ing brings results

Egg Grading

(From Page 1)

the same manner as they ap-
ply to one dozen cartons
John L. Rainey, director
of the Bureau of Markets,
said that egg retailers may
continue to use carton dat-
ing systems for their quality
and stock control programs

Present regulations will
remain in effect until Oct-
ober 11.

Upon individual request,
egg producers, handlers and
retailers will be mailed cop-
ies of the revised regulat-
ions as they are printed

Help Wanted

Christian woman wanted.
Complete charge general
housekeeping. References.
Live in Two adults. No
Sunday work Call EXpress
2-1754, 2 to 5 p.m

Legal Notice

LEGAL NOTICE
Notice is hereby given,
pursuant to the provisions
of the Act of May 24, 1945,
PL 967, of intention to file
in the Office of the Secre-
tary of the Commonwealth
of Pennsylvania at Harris-
burg, Pennsylvania, and in
the Office of the Prothono-
tary of the Court of Com-
mon Pleas of Lancaster Co-
unty, on July 8, 1960, a
Certificate for the conduct
of a business in Lancaster
County, Pennsylvania, under
the assumed or fictitious na-
me, style or designation of
SKIPPER'S STEAK & SUB
SHOP

with its principal place of
business at No 36 East
Chestnut Street, City of Lan-
caster, Pennsylvania

The name and address of
the person owing or inter-
ested in said business is
Miriam A. Wise, 922 St
Joseph Street, Lancaster,
Pa
ARNOLD, BRICKER, BEY-
ER & BARNES

Dispersal Sale

SAT., JULY 23

1:00 P.M.

1/2 mile south of Reiton
just off of Route 222 in Pro-
vidence Township

15 Head of Holstein and Guernsey Cattle

mostly fresh or due in fall
Including 2 bred heifers.
Some cows milking up to 60
pounds a day A good pro-
ducing home raised herd
and only for sale because
we are quitting the dairy
business Herd just went
through a recent blood test
and health charts furnished
on sale day Owner Charles
C Mueller, New Providence
R D 1

Auctioneers Diller and
Kriedel

RED COMB BALANCER + YOUR Grains =



Quality Results
at Low Cost!

Feed RED COMB 26% BALANCER "Free
Choice" with your home grown grains.
This combination will give you maxi-
mum production and low feed cost
per dozen eggs.

RED COMB BALANCER
mixed with your own grains
lowers your feed cost.

Get Your Supply at...

Joseph M. Good & Sons
LEOLA — QUARRYVILLE



Heifer calves saved for
dairy herd replacements
should be housed in pens op-
ening to an outside exercise
lot where not too much grass
is available Exercise lots
should be well drained or
paved

Stanley H. Deiter

Auctioneer And Appraiser
LAMPETER

Ph. Lancaster EX 4-1796

P. B. GUERNSEY SALE

THURSDAY — JULY 21 — 7:30 P.M.

At the Ass'n. Sales Pavilion, 6 miles East of Lancaster,
Pa., on Route #30.

64 HEAD — 4 BULLS — 30 COWS — 14 BRED &
16 OPEN HEIFERS!

T B & Bangs' Cert. Majority Vaccinated. 20 due in July -
Plus 12 fall fresheners.

The sale features the dispersal of an outstanding herd,
30 head, owned by J. A. Learner, Dunlo, Pa Majority
traces back to two outstanding foundation cows

Kimberton Farms, Phoenixville, Pa, which had five at-
tractive heifers in the last sale sending three cows and
another bred heifer They will suit everyone

J. Herbert Snyder, Walkersville, Md who is selling his
entire herd as his cows come fresh has five good young
cows due close to sale date

In addition to the open heifers in the sale that come
from Mr Learner, four outstanding things consigned by
Spar Hill Farm, Chadds Ford, Pa

Four bulls of breeding age, good background
COME EARLY AND TAKE ADVANTAGE OF THE

BARGAINS WHICH CAN ALWAYS BE OBTAINED AT
THESE LARGE NIGHT SALES!

Sale Managed by:

THE PENNA. GUERNSEY BREEDERS' ASS'N.
P. O. BOX 302 CAMP HILL, PENNA.

LIVESTOCK MARKET & AUCTION

EVERY TUESDAY

Starting Promptly at 2 p.m.

Starting with bulls, steers, heifers, cows, feeder pigs,
calves and hogs.

We get top \$\$ for your Livestock

Give us a call — HI 2-4181

Vintage Sales Stables, Inc.

VINTAGE, PA.

Frank Dussinger, Manager

New Holland Sales Stables

Horse Sale — Every Monday at 11 A. M.

Dairy Cattle and Hogs—

Every Wednesday at 12:30

Beef Cattle and Calves—

Every Thursday at 12:30

Every Thursday we will try and have from 150 to
200 Stockers and feeder cattle for sale. These cattle
will be sold immediately after the bulls (About 1:00
P. M.)

JOHN H. GINGRICH, Mgr.

Ph. New Holland EL 4-2194

New Holland, Pa.

210th GARDEN SPOT SALE - THURSDAY, JULY 21 LANCASTER, PENNA

At the J. M. Brubaker farm located in Willow Street
Village, 4 miles south of Lancaster, Pa. just off Rtes. 72
and 222

All Bang's Certified, T B Accredited, Nearly all Calf
Vacc Mastitis tested, Blood and T B tested within 30 days
of sale

A SPECIAL OFFERING FOR THIS JULY SALE!

From Pinehill Farms, Washington, N J — 4 Top first
calf heifers sell 3 are by the famed \$14,000 Sovereign
Cochran, the other by a show son of Sovereign Cochran.
All are from high record dams with 731,684, 612 and 596-
lbs. fat on 2x All write top pedigrees and their type is
outstanding All due at sale time to Pinehill Maximilian
and Pinehill Don Juan MAKE A Special effort to see
this group.

James L. Frank, Newtown, Pa -- A 658-lb dtr of
Wimbleton Dean Fobes Rag Apple "EK" due at sale time
Charles Eshleman, Greencastle, Pa — 602-lb dtr of
Zinke Fobes Abbecker due at sale time to Hickoryvale
S C Progressor

John Gout, Scottdale, Pa — A (GP-84) dtr of Lucifer
with 6 records up to 498 fat all in less than 300 days on
2x Due sale time to COBA'S "Double Exce" bull

Everett Newswanger, Kinzer, Pa — A top pig son of
Ivanhoe out of a "Lucifer" dtr with 962 fat, 4 yrs and
making over 800-lbs fat again this lactation

Earl Umble, Atglen, Pa — A Gt Champ show bull by
"Wimario" out of a Montview P A Ajax dtr with 2 rec-
ords of 650 and 625 with 4% test

A very special group of Canadians hand-picked for this
sale They will be top individuals with popular pedigrees
You will be able to show special interest in this group
MAKE YOUR PLANS NOW TO ATTEND THIS JULY

GARDEN SPOT SALE!

Sale starts 12 00 Noon. Lunch Available Catalogs
R. AUSTIN BACKUS, Inc. Sale Mgrs. & Auct., Mexico, N.Y.
EARL L. GROFF, Local Rep. Strasburg, Pa.

Rains Bring Harvest To A Halt

HARRISBURG—Pennsylvania farmers had the best conditions for field work since mid-June, the State Crop Reporting Service said today in its crop and weather roundup.

Farmers kept busy throughout the week cutting clover, timothy hay and alfalfa, cultivating early corn and combining barley, wheat rye and winter oats. Most areas dried sufficiently to permit using machinery in fields. Wheat harvesting was progressing rapidly in Lancaster County. Rains and damp weather brought harvest operations to a halt during the week with about 2/3 of the crop harvester.

With higher temperatures now in prospect, tomatoes and sweet corn will be in good supply within a few weeks. Snap beans, early cabbage and broccoli are moving in good volume. Harvest of asparagus and straw berries is complete in all areas.

Peaches are sizing well and early varieties are starting to ripen in southern counties. Peak harvest of sour cherries in the South Mountain area is well along and picking in Erie County started late last week. Apples are also putting on size and are relatively clean considering the wet weather. Picking of early varieties such as Transparent and Lodi started this past week.

The corn crop looks vigorous and has good color considering the cool weather. Barley and wheat yields are generally good. Barley yellow dwarf virus and leaf

rust are serious on spring oats in some localities. Winter oats in the county promises to produce well but yields of spring oats will be quite variable. Rye harvest has begun in the south.

Pasture growth, while not as lush as in June, is still providing good feed. Recent rains will help pastures to continue growth. Alfalfa spraying is continuing where weevil control was not adequate earlier. First crop of hay not yet cut is well beyond maturity and losing quality rapidly. Farmers had a good week for drying hay except in the northeast where wet ground slowed drying.

Eastern National Has New Classes

The addition of a Quality Beef Carcass Contest to the list of classes at the Eastern National Livestock Show should help make the 1960 exposition the largest in history, Charles A. Morrow, manager of the show, said recently.

The Eastern National, often referred to as the "livestock show window of the East," will attract entries from at least twenty states and Canada to the Maryland State Fair Grounds at Timonium, Maryland, November 12-17.

Mr. Morrow said that exhibitors are being invited to participate in a Quality Beef Carcass Contest in which steers will first be judged in the show ring and then after slaughter. The cattle will be shown on-the-hoof on Sunday, November 13, and will be taken the following day to a Baltimore slaughter house where they will be prepared for the rack and judged. The grand champion and reserve champion carcasses will be brought back to the fairgrounds on

Research Report Explains

What Happens To Nitrogen

Many tons of nitrogen fertilizer will be left in our soils next fall after harvest. Can we cut down on winter nitrogen loss? Can we estimate what's left next spring when making fertilizer recommendations?

These are questions USDA and State scientists are trying to answer. The answers are important because we spend over a third of a bil-

lion dollars a year for nitrogen fertilizer in humid regions of the country — and only half of that amount is taken up by crops.

So far, little consideration has been given to carried-over nitrogen when making fertilizer recommendations. And no extensive effort has been made to follow practices that will help save these millions of dollars worth of nitrogen. With more and more nitrogen being used, losses are proving extremely costly. However, few dependable answers have been found. This is what we have learned:

There are important annual carryovers of nitrogen fertilizer. The residual effect varies from year to year, but does not appear to be related to total rainfall.

Fall-applied nitrogen is only about 57 percent as effective as spring-applied nitro-

gen for corn in humid areas. These facts are part of the results of 5 years' cooperative research by ARS at the Alabama, Mississippi and Georgia Agricultural Experiment Stations. Related studies are also being conducted by other states and nations as the extent of nitrogen loss is discovered.

From these many sources is accumulating evidence that scientists have not been correct in believing that the bulk of nitrogen loss occurs only through leaching. Evidence now shows that nitrogen, regardless of its form, is also lost to the atmosphere — through volatilization. Molecular and nitrous oxide in appreciable quantities. There is no agreement yet to how important volatilization losses are in the field, how farmers can prevent them.

Factors Govern the Amount of Nitrogen Recovered. These new facts combine with what is already known indicate that fertilized crops recover a variable fraction of the applied nitrogen—depending on rate used, rate of plant growth, rainfall distribution and amount, competition by other plants and microflora, ammonium fixation and probably other factors.

(Turn to page 14)



NOW!

Protect stored grain from insects . . . fumigate with Serafume

Use SERAFUME*—the only grain fumigant that contains a combination of four proved insect-killing chemicals. Serafume is easy to use—just apply it over the entire level top surface of the grain—no special equipment needed. Serafume penetrates down through the grain, killing insects in all life stages, in all levels of the bin. See us right away for Serafume—don't take any chances with your grain!

*Trademark of The Dow Chemical Company

EBY'S MILL, Inc.

35 N. CEDAR STREET

LITITZ, PA

SETS SALES RECORD IN LANCASTER CO.

NEW! McCormick No. 91 Harvester-Thresher with MAGIC-CIRCLE Planetary Steering



With planetary steering, steering levers control power flow to the two independent drive wheels—individually or together—for slowing down, stopping, turning gradually or sharply, or pivoting completely "on a dime." You can reverse instantly, too, without stopping to shift gears or de-clutch. With planetary steering, you can turn quicker and in less space than with any other combine!

**Steer with 2 levers
Instead of a steering wheel**



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